

Express Mail No. EL984076133US

<b>INFORMATION DISCLOSURE STATEMENT</b>  Address to: Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	Attorney Docket	UCAL-138DIV
	First Named Inventor	ROSEN, STEVEN
	Application Number	To Be Assigned
	Confirmation No.	To Be Assigned
	Filing Date	October 29, 2003
	Group Art Unit	To Be Assigned
	Examiner Name	To Be Assigned
	Title:	'NOVEL GLYCOSYL SULFOTRANSFERASES GST-4 ALPHA, GST-4BETA, & GST-6'

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. A Form PTO-SB/08A listing the references and copies of the cited references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

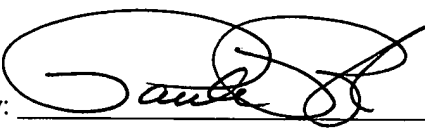
**All of the references identified herein were disclosed in parent application serial number 09/593,828, filed 6/13/2000 and as such, copies thereof are not included pursuant to the provisions of 37 CFR § 1.98(d).**

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. § 102.

As applicants have not yet received a first Action on the merits, no fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815, Order No. UCAL-138DIV may be charged thereon.

Respectfully submitted,  
BOZICEVIC, FIELD & FRANCIS LLP

Date: Oct. 29, 2003

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<b>INFORMATION DISCLOSURE CITATION</b> Form PTO-1449 (Modified) <i>(Use several sheets if necessary)</i>				<b>ATTY. DOCKET NO.</b> 06510-138US1		<b>SERIAL NO.</b> 09/593,828	
				<b>APPLICANT</b> Rosen et al.			
				<b>FILING DATE</b> June 13, 2000		<b>GROUP</b> N/A	
<b>U.S. PATENT DOCUMENTS</b>							
<b>Examiner Initial</b>		<b>Document Number</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	<b>Filing Date If Appropriate</b>
	AA	5,695,752	12/09/97	Rosen et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		<b>Document Number</b>	<b>Date</b>	<b>Country</b>	<b>Class</b>	<b>Subclass</b>	<b>Translation</b>
	AB	EP 821 066	07/22/97	EP			<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	AC	Fukuta, et al. "Molecular Cloning and Characterization of Human Keratan Sulfate Gal-6-Sulfotransferase," <i>J. Biol. Chem.</i> (December 19, 1997) 272:32321-32328					
	AD	Habuchi, et al. "Enzymatic Sulfation of Galactose Residue of Keratan Sulfate by Chondroitin 6-Sulfate by Chondroitin 6-Sulfate by Chondroitin 6-Sulfotransferase," <i>Glycobiology</i> (Jan. 1996) 6:51-57					
	AE	Fukuta, et al. "Molecular Cloning and Expression of Chick Chondrocyte Chondroitin 6-Sulfotransferase," <i>J. Biol. Chem.</i> (1995) 270:185775-18580					
	AF	Habuchi, et al. "Purification of Chondroitin 6-Sulfotransferase Secreted from Cultured Chick Embryo Chondrocytes," <i>J. Biol. Chem.</i> (1993) 268:21968-21974					

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<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
<b>EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



<b>Notice of References Cited</b>	Applicant/Patent <b>Rosen et al.</b>	Application/Control No. <b>09/593,828</b>	
	Examiner <b>Maryam Monshipouri</b>	Art Unit <b>1652</b>	Page 1 of 1

### U.S. PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY <sup>1</sup>	Name	Classification <sup>2</sup>	
A	6,265,192	7/2001	Bistrup et al.	435	193
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					

### FOREIGN PATENT DOCUMENTS

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N						
O						
P						
Q						
R						
S						
T						

### NON-PATENT DOCUMENTS

	Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages
U	Lee et al., BBRC, 263(2), 543-549, 1999
V	
W	
X	

\* A copy of this reference is not being furnished with this Office action. See MPEP § 707.05(a). <sup>1</sup> Dates in MM-YYYY format are publication dates. <sup>2</sup> Classifications may be U.S. or foreign.

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/593,828
				Filing Date	June 13, 2000
				First Named Inventor	ROSEN
				Group Art Unit	1652
				Examiner Name	M. Monshipouri
Sheet	1	of	1	Attorney Docket Number	UCAL138

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Documents			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
			WO 01/79468		Incyte Genomics, Inc.	10-25-2001		

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
			WO 9919339		Human Genome Sciences, Inc.	04-22-1999		

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Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		LEE et al., "Mus musculus intestine N-acetylglucosamine 6-0 sulfotransferase (I-GlcNAc-6-ST) gene, complete cds." September 23, 1999 Database accession no. AF17681	
		LEE et al., "Mus musculus intestine N-acetylglucosamine 6-0 sulfotransferase (I-GlcNAc-6-ST) gene, complete cds." September 23, 1999 Database accession no. AF176480	

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Sheet	2	of	2	Attorney Docket Number	UCAL138

		LEE et al., "Mus musculus intestine N-acetylglucosamine 6-0 sulfotransferase (I-GlcNAc-6-ST) gene, complete cds." September 23, 1999 Database accession no. AF176839	
		LEE et al., "Homo sapiens intestine N-acetylglucosamine-6-0-sulfotransferase, complete cds" September 23, 1999 Database accession no. AF176838	
		DOE JOINT GENOME INST.: "Homo sapiens chromosome 16 clone RP11-455E15, WORKING DRAFT SEQUENCE, 17 unordered pieces" August 4, 1999, Database accession no. AC009105	
		NCI GCAP: "wj46c01.xl NCI_CGAP_lu19 Homo sapiens cDNA clone IMAGE: 2405856" July 13, 1999, Database accession no. AI824100	
		BIRREN et al., "Homo sapiens chromosome 18, clone RP11-29013, complete sequence" February 7, 2000, Database accession no. AC022662	
		HILLIER et al. "zu27h10.rl Soares ovary tumor NbHOT Homo sapiens cDNA clone IMAGE: 739267" May 19, 1997, Database Accession No. AA421254	
		ZHAO et al. "-11-25217.TV RPCI-11 Homo sapiens genomic clone" April 27, 1999 Database Accession No. AQ481324	
		ZHAO et al. "CITBI-E1-2563I17.TF CITBI-EI Homo sapiens genomic clone" March 25, 1999 Database accession no. AQ424845	
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		HUMAN GENOME SCI INC." Human secreted protein encoded by gene 5 clone HSABG21" August 17, 1999 Database accession no. AAX79015	
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		ARAKAWA et al., "Mus musculus adult male diencephalons cDNA, RIKEN full-length enriched library, clone: 9330132E09, 3' end partial sequence" June 14, 2000 Database accession no. BB077136	
		MARRA et al., ui33cll.yl Soares mouse urogenital ridge NMURMus musculus cDNA clone IMAGE: 1853108 5', mRNA sequence" March 24, 1999 Database accession no. AI528511	
		MARRA et al., ui43b06.xl Sugano mouse embryo mewa Mus musculus cDNA clone IMAGE: 1885139 3', mRNA sequence" October 8, 1998 Database accession no. AI173964	

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